

Name: \_\_\_\_\_

**p1028a: Box multiplication for two-digit integers (v4)**

**Example**

Without a calculator, use the box method to multiply 63 and 24.

|   |    |      |    |      |
|---|----|------|----|------|
|   |    | 60   | 3  |      |
| * |    |      |    | 1200 |
|   | 20 | 1200 | 60 | 60   |
|   | 4  | 240  | 12 | 240  |
|   |    |      |    | + 12 |
|   |    |      |    | 1512 |

**Question 1**

Without a calculator, use the box method to multiply 94 and 87.

|   |    |      |     |      |
|---|----|------|-----|------|
|   |    | 90   | 4   |      |
| * |    |      |     | 7200 |
|   | 80 | 7200 | 320 | 320  |
|   | 7  | 630  | 28  | 630  |
|   |    |      |     | + 28 |
|   |    |      |     | 8178 |

### Question 2

Without a calculator, use the box method to multiply 85 and 46.

| *  | 80   | 5   |                    |
|----|------|-----|--------------------|
| 40 | 3200 | 200 | 3200<br>200<br>480 |
| 6  | 480  | 30  | + 30<br><hr/> 3910 |

### Question 3

Without a calculator, use the box method to multiply 34 and 79.

| *  | 30   | 4   |                    |
|----|------|-----|--------------------|
| 70 | 2100 | 280 | 2100<br>280<br>270 |
| 9  | 270  | 36  | + 36<br><hr/> 2686 |